

Applicants: Graham P. Allaway et al.  
Serial No.: 09/460,216  
Filed December 13, 1999  
Page 2

**Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims**

1-60. (Canceled)

61. (Currently Amended) A method of inhibiting ~~HIV-1~~ infection of a CD4+ cell by a macrophage-tropic HIV-1 which comprises contacting the CD4+ cell with a ~~nonpeptidyl~~ an agent, ~~said nonpeptidyl agent~~

(a) capable of binding to a CCR5 chemokine receptor on the surface of the CD4+ cell; a PM-1 cell,  
~~but not to a CXCR4 receptor on the surface of such PM-1 cell,~~

(b) capable of blocking fusion of HIV-1<sub>JR-FL</sub> with a PM-1 cell; and

(c) not capable of blocking fusion of HIV-1<sub>BRU</sub> with such PM-1 cell;

in an amount and under conditions such that the fusion of the macrophage-tropic HIV-1 or ~~an~~ a macrophage-tropic HIV-1-infected cell to the CD4+ cell is inhibited, so as to thereby inhibit ~~HIV-1~~ infection of the CD4+ cell by the macrophage-tropic HIV-1.

62-65. (Canceled)